Green Amalner

Digitization for Greening Strategies

Prepared by

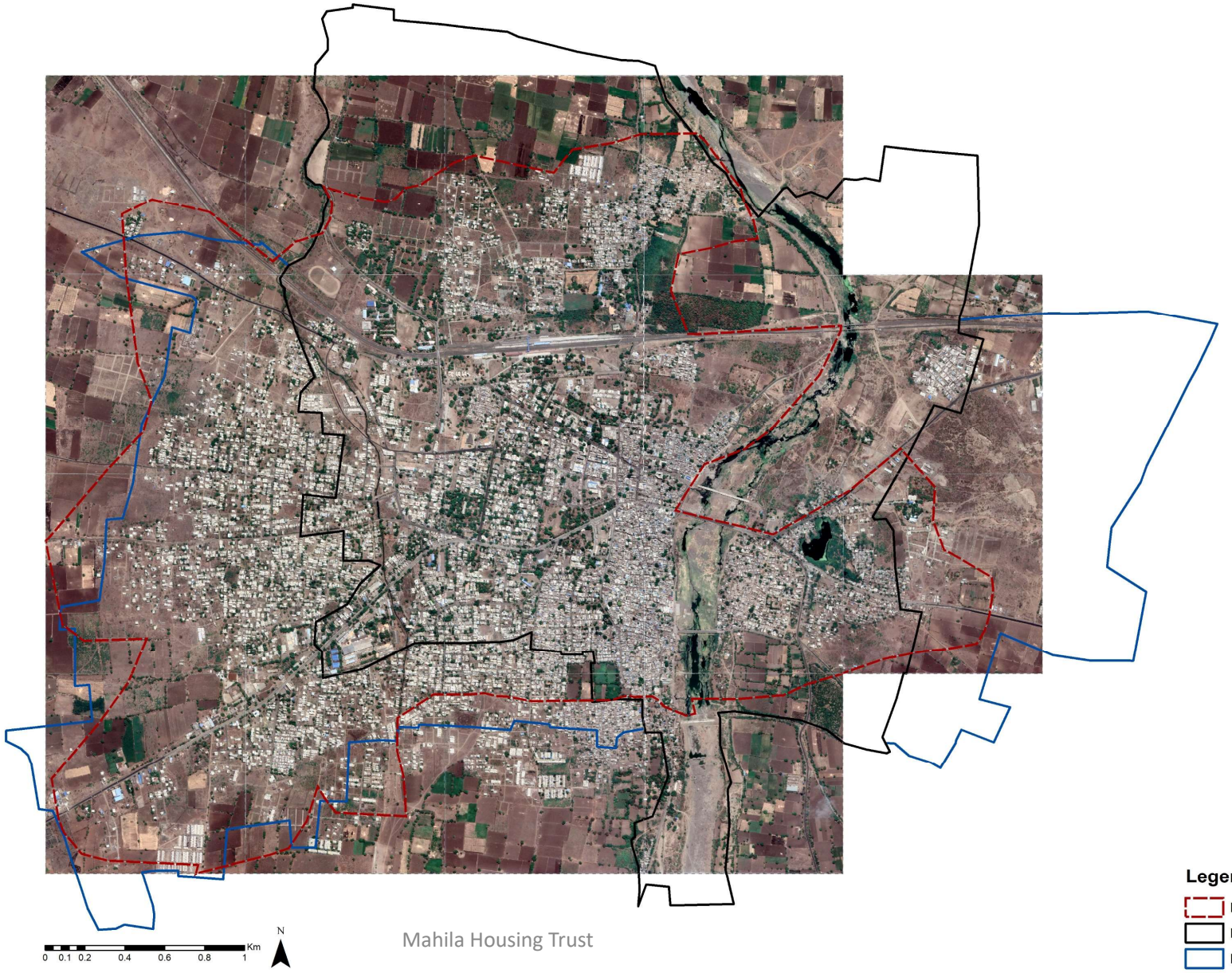
Mahila Housing Trust

MHT

01. Satellite image

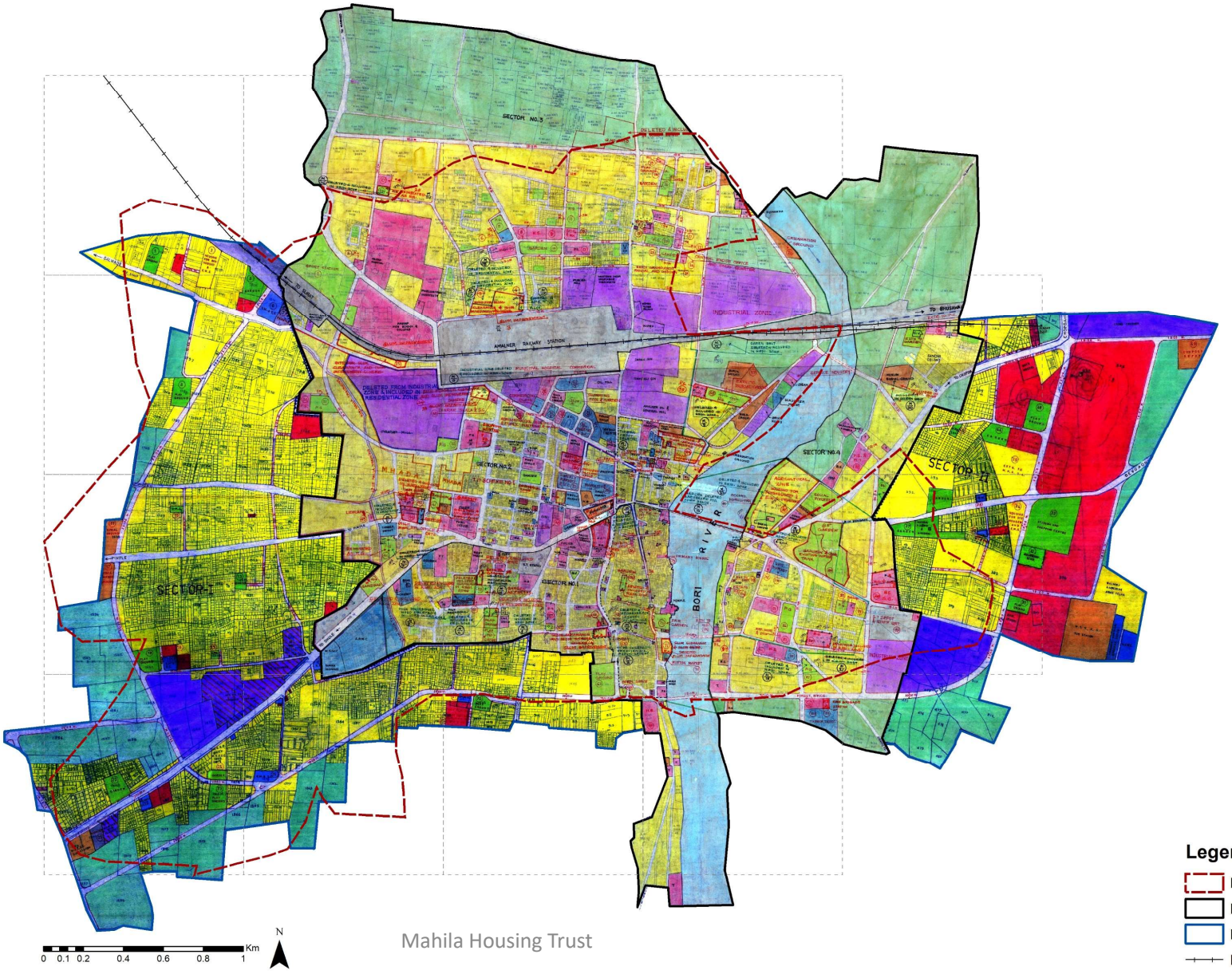
Location:
Jalgaon, Maharashtra

Study area:
10.35 sq. km.



02. Development Plan

Amalner Development Plan:
Core area
Additional area



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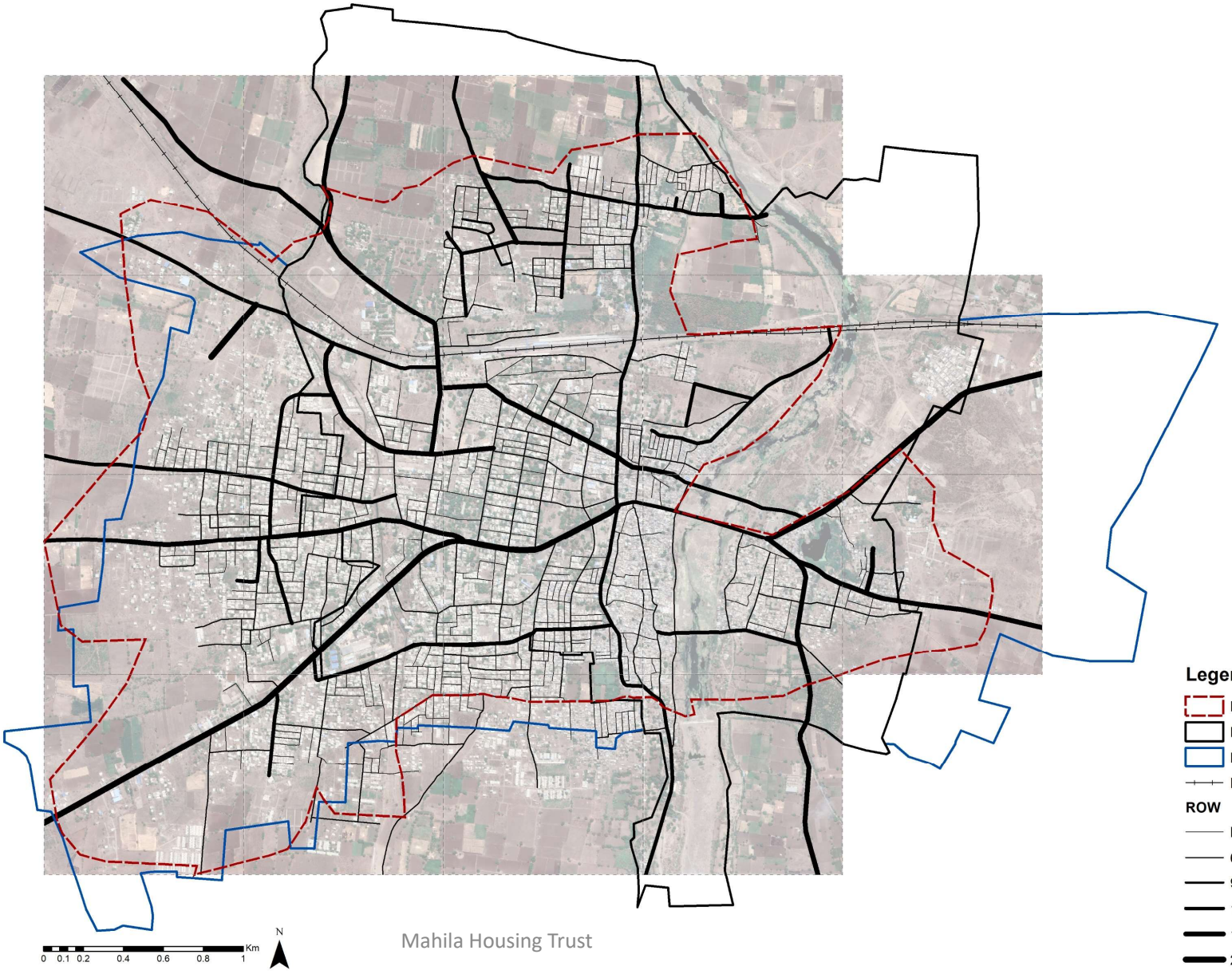
03. a. Road network

Road network type:
Irregular grid

Total road length
128.15 km.

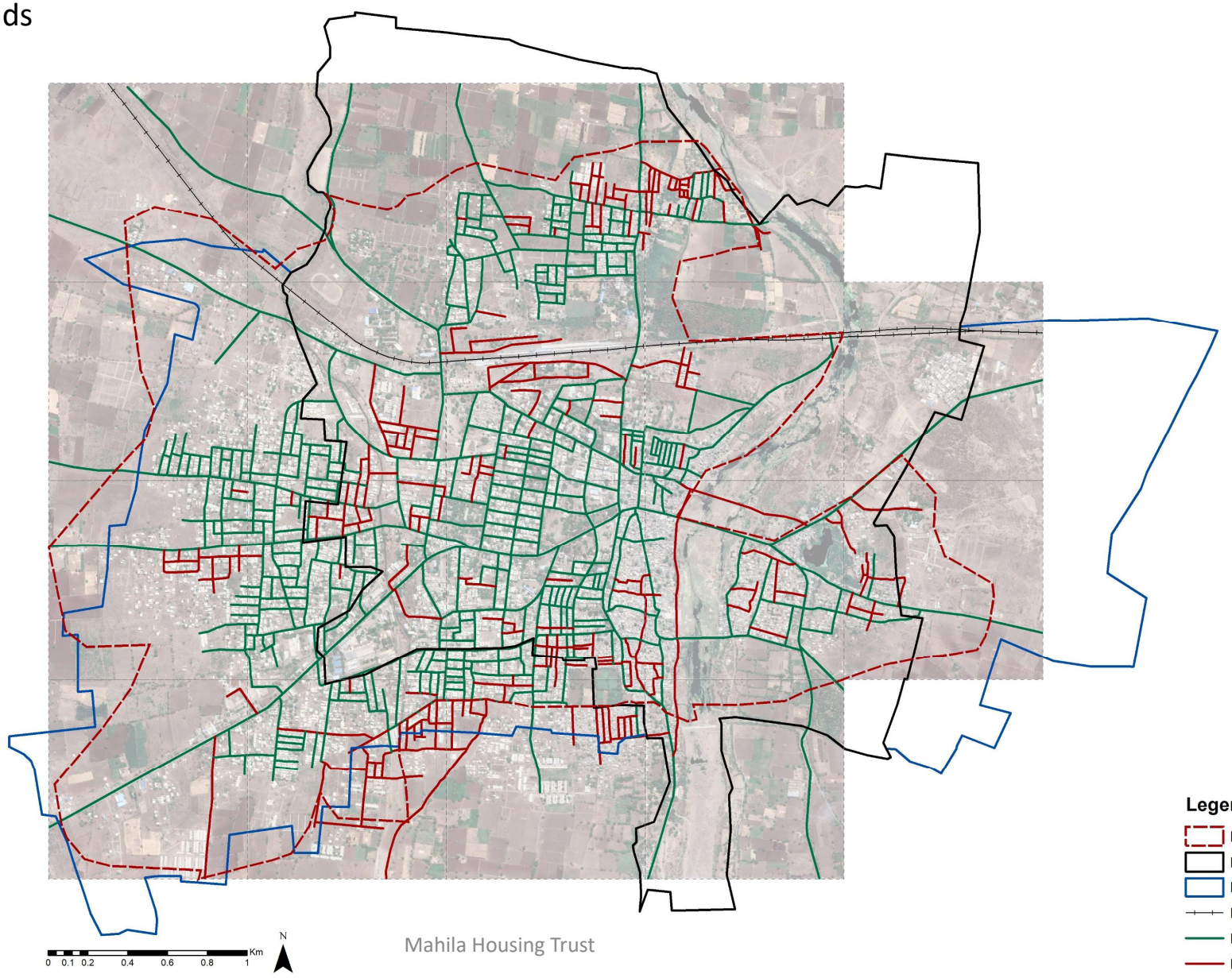
Road density
12.38 km. per sq. km.

ROW (m.)	Length (km.)
4	51.91
6	38.44
9	0.90
12	19.27
18	12.23
25	5.37
Total	**128.15**



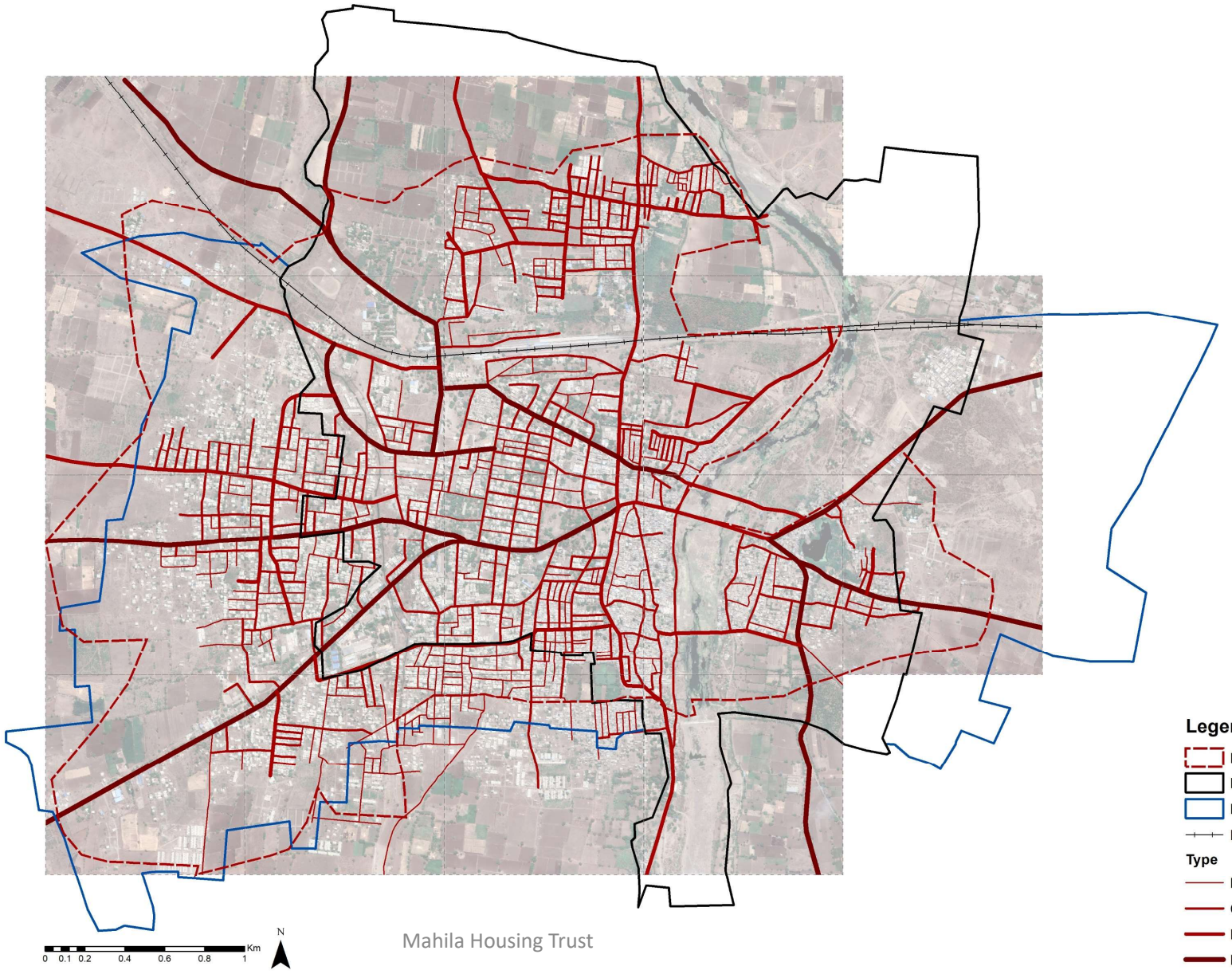
03. b. Segregation of roads

Roads	Length (km.)
DP roads	93.58
Non- DP roads	34.57
Total	**128.15**



03. c. Road hierarchy

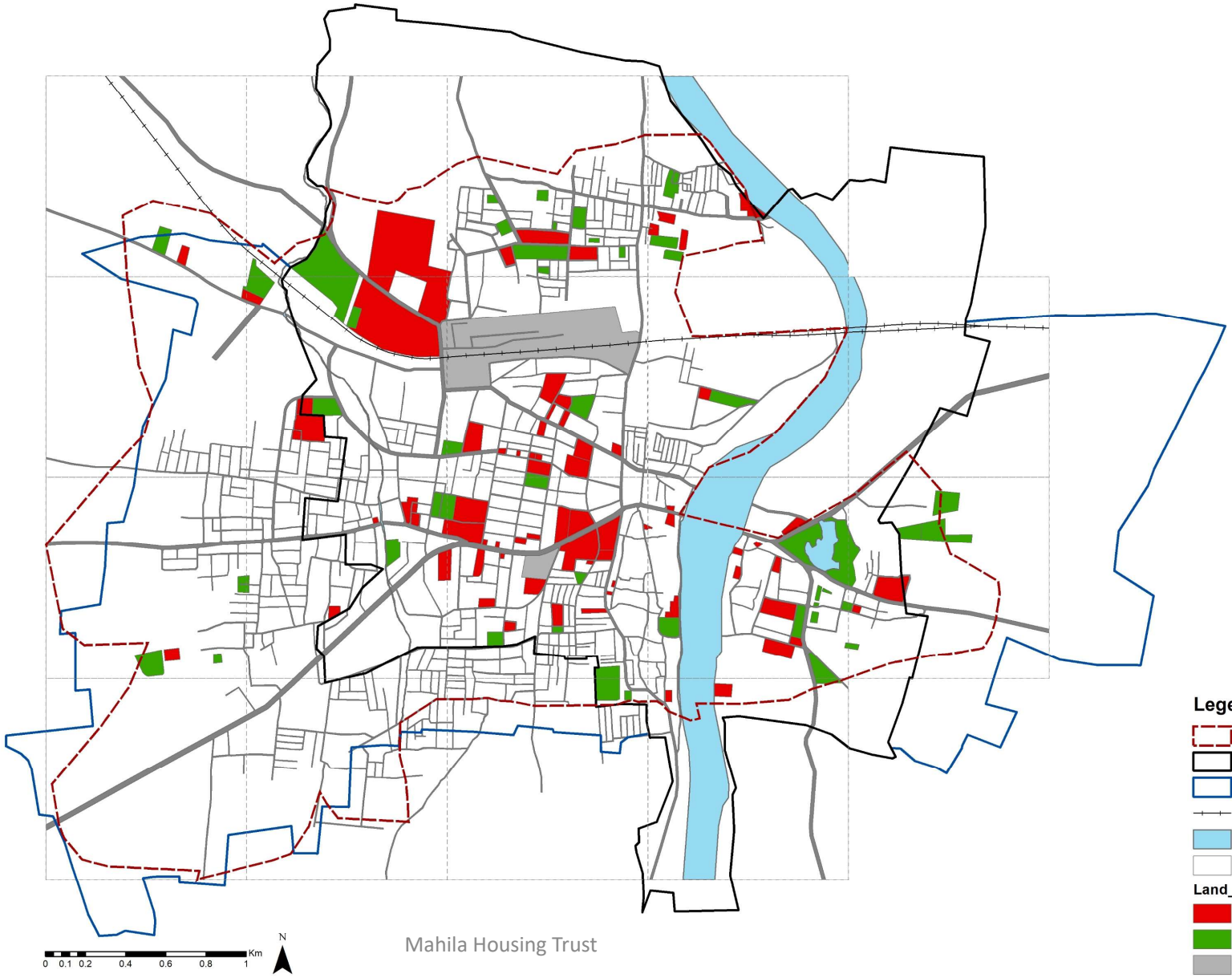
Roads	Length (km.)
Local	48.73
Collector	42.52
Minor arterials	16.33
Major arterials	20.55
Total	**128.15**



04. Blocks and land uses

Land uses	Area (sq. km.)	%
Other uses	8.07	77.9
Public and semi-public	0.59	5.75
Recreational	0.37	3.58
Roads	0.82	7.89
Transport	0.25	2.46
Water body	0.24	2.33
Total	**10.35**	**100**

Note: Land uses marked as per DP.



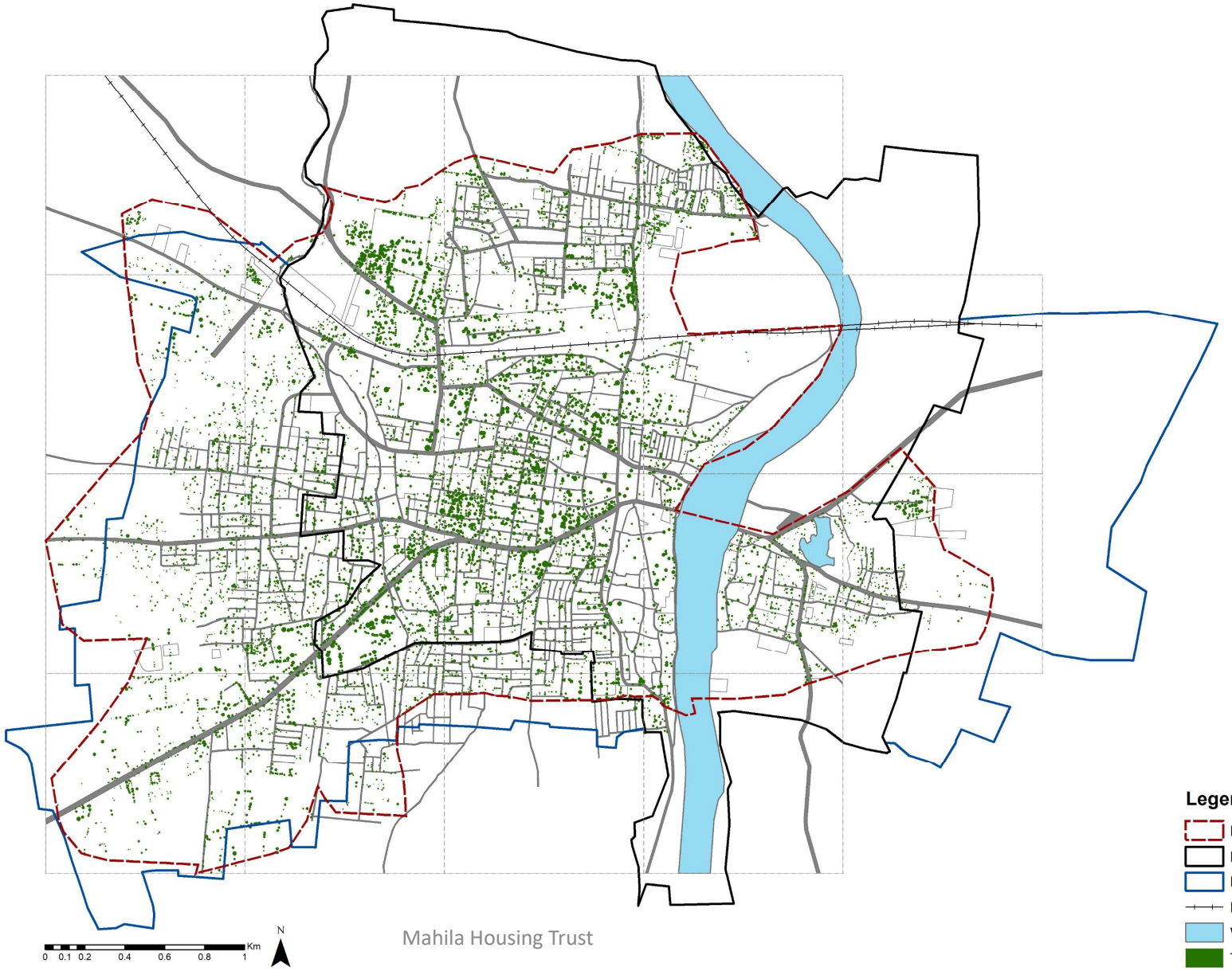
05. Tree cover

Total area under tree cover:
0.76 sq. km. OR 76.31 ha.
(7.34% of study area)

Population of Amalner:
95,994
As per 2011 census

Tree cover per capita
7.95 sq. m.

Note: Trees with diameter > 4m considered for calculation.



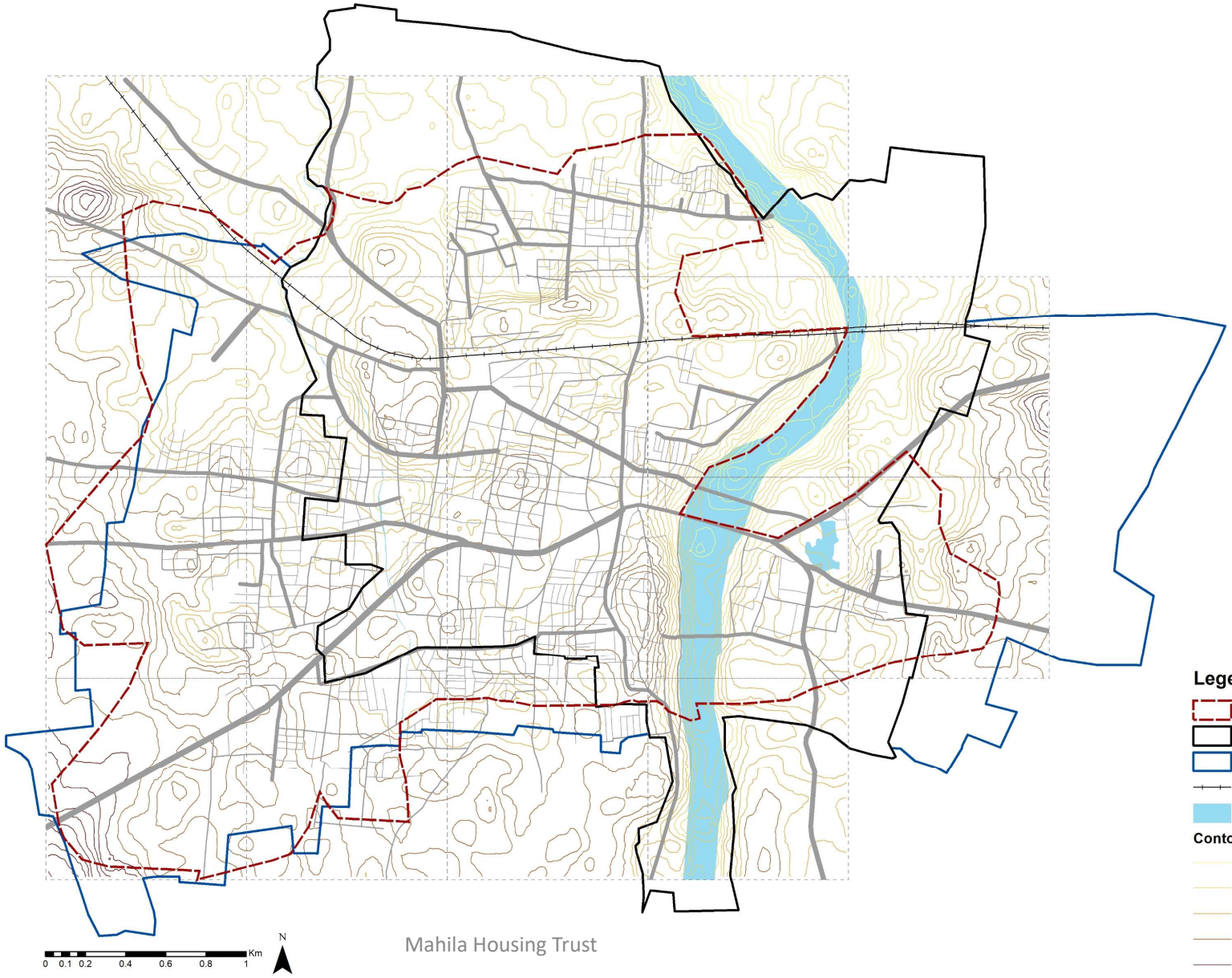
06. a. Contour map

Highest elevation:
201 m.

Lowest elevation:
172 m.

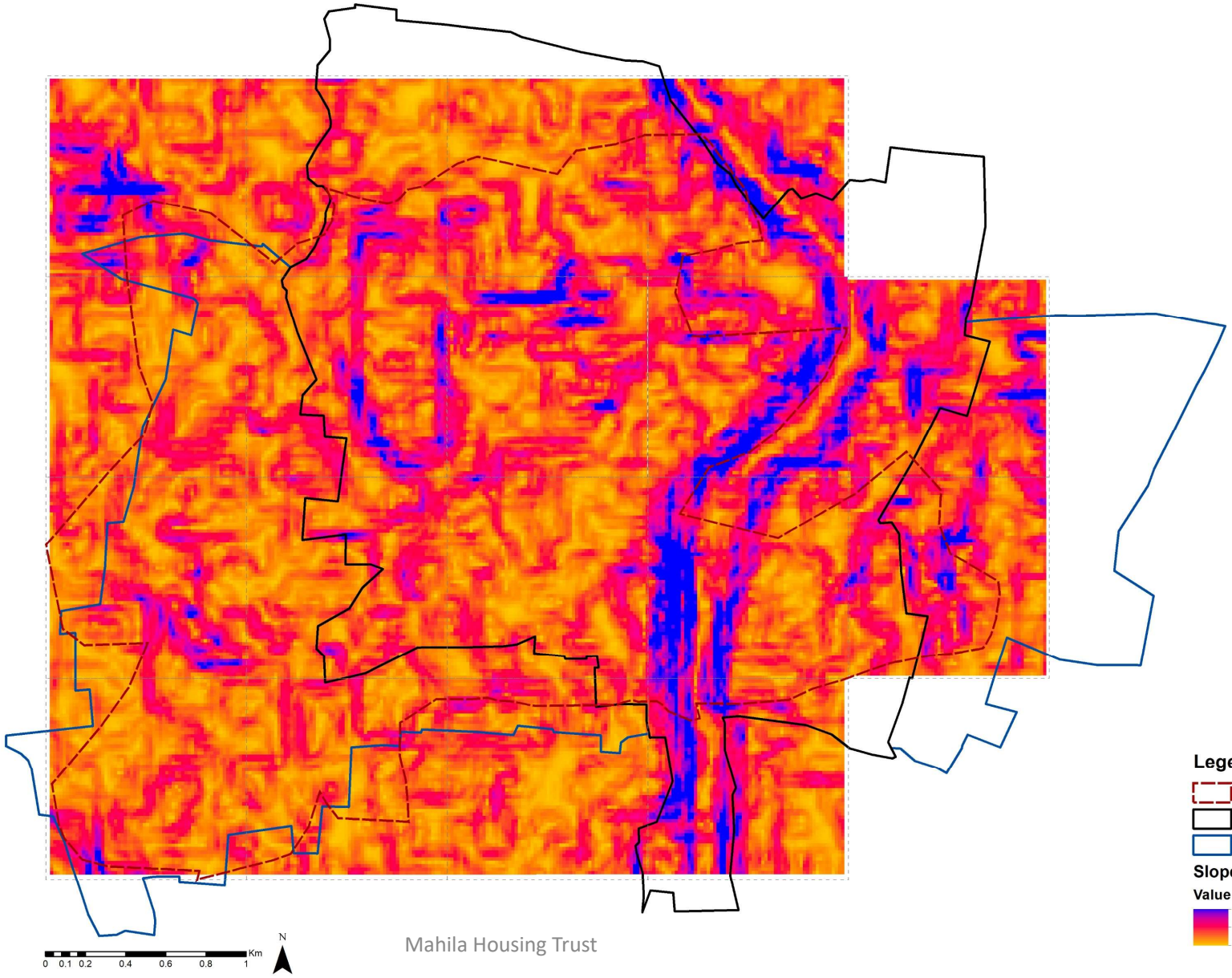
Average elevation
186 m.

Note: Calculation is based on contour map generated on arcGIS using data points from Google Earth.



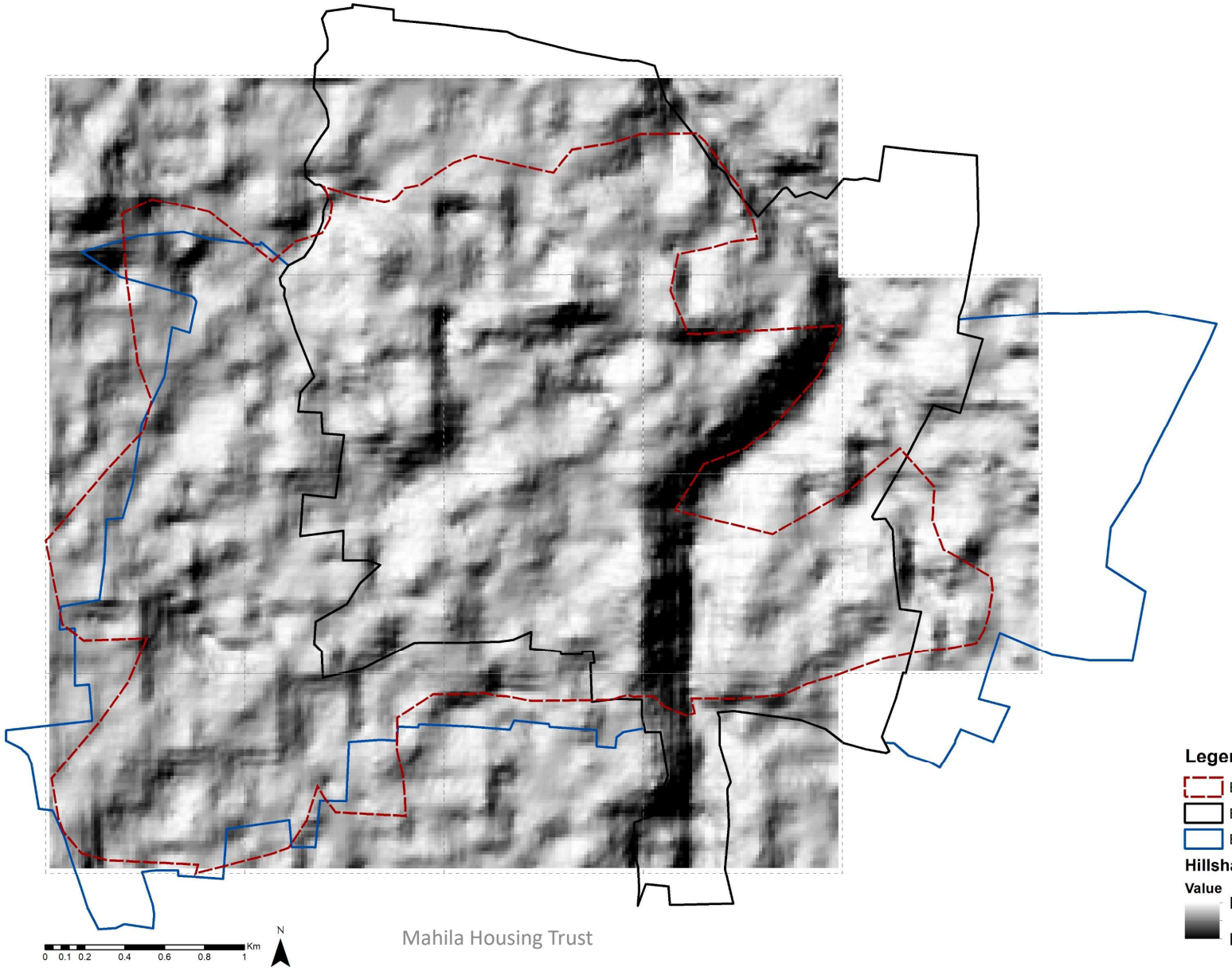
06. b. Slope map

Slope:
Low to moderate across the study area



Note: Calculation is based on contour map generated on arcGIS using data points from Google Earth.

06. c. Hill shade map



Note: Calculation is based on contour map generated on arcGIS using data points from Google Earth.